

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
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Application Serial Number: 10/719, 372A  
Source: IFW16  
Date Processed by STIC: 03/01/2007

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IFW16

## RAW SEQUENCE LISTING

DATE: 03/01/2007

PATENT APPLICATION: US/10/719,372A

TIME: 09:59:42

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Output Set: N:\CRF4\03012007\J719372A.raw

3 &lt;110&gt; APPLICANT: Davydova, Elena K.

4 Rothman-Denes, Lucia B.

5 Dahl, Gary A.

6 Gerdes, Svetlana Y.

7 Jendrisak, Jerome J.

9 &lt;120&gt; TITLE OF INVENTION: Preparation and Use of Single-Stranded Transcription

## Substrates

10 for Synthesis of Transcription Products Corresponding to Target

11 Sequences

13 &lt;130&gt; FILE REFERENCE: EPICEN-09584

15 &lt;140&gt; CURRENT APPLICATION NUMBER: 10/719,372A

16 &lt;141&gt; CURRENT FILING DATE: 2003-11-21

18 &lt;160&gt; NUMBER OF SEQ ID NOS: 41

20 &lt;170&gt; SOFTWARE: PatentIn version 3.3

22 &lt;210&gt; SEQ ID NO: 1

23 &lt;211&gt; LENGTH: 10506

24 &lt;212&gt; TYPE: DNA

25 &lt;213&gt; ORGANISM: Artificial Sequence

27 &lt;220&gt; FEATURE:

28 &lt;223&gt; OTHER INFORMATION: Synthetic

30 &lt;400&gt; SEQUENCE: 1

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414 Lys Tyr Gly Val Glu Gln Gly Leu Gln Leu Ile Asn Ala Arg Ala Asp
415 85 90 95
418 Ala Gly Asn Gln Val Phe Asn Asp Ser Val Thr Thr Arg Thr Pro Gly
419 100 105 110
422 Glu Glu Leu Gly Asp Ile Ala Thr Gly Val Gly Leu Gly Phe Val Asn
423 115 120 125
426 Thr Leu Gly Gly Ile Gly Ala Leu Gly Ala Gly Leu Leu Asn Asp Asp
427 130 135 140
430 Ala Gly Ala Val Val Ala Gln Gln Leu Ser Lys Phe Asn Asp Ala Val
431 145 150 155 160
434 His Ala Thr Gln Ser Gln Ala Leu Gln Asp Lys Arg Lys Leu Phe Ala
435 165 170 175
438 Ala Arg Asn Leu Met Asn Glu Val Glu Ser Glu Arg Gln Tyr Gln Thr
439 180 185 190
442 Asp Lys Lys Glu Gly Thr Asn Asp Ile Val Ala Ser Leu Ser Lys Phe
443 195 200 205
446 Gly Arg Asp Phe Val Gly Ser Ile Glu Asn Ala Ala Gln Thr Asp Ser
447 210 215 220
450 Ile Ile Ser Asp Gly Leu Ala Glu Gly Val Gly Ser Leu Leu Gly Ala
451 225 230 235 240
454 Gly Pro Val Leu Arg Gly Ala Ser Leu Leu Gly Lys Ala Val Val Pro
455 245 250 255
458 Ala Asn Thr Leu Arg Ser Ala Ala Leu Ala Gly Ala Ile Asp Ala Gly
459 260 265 270
462 Thr Gly Thr Gln Ser Leu Ala Arg Ile Ala Ser Thr Val Gly Arg Ala
463 275 280 285

```

**VERIFICATION SUMMARY**

DATE: 03/01/2007

PATENT APPLICATION: US/10/719,372A

TIME: 09:59:43

Input Set : A:\09584.ST25.txt

Output Set: N:\CRF4\03012007\J719372A.raw